

IN THE CLAIMS:

The text of all pending claims are set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously amended), (cancelled), (withdrawn), (new), (previously added), (reinstated - formerly claim #), (previously reinstated), (re-presented - formerly dependent claim #) or, (previously re-presented).

Please CANCEL claim 1-13, and ADD new claims 14-29 in accordance with the following:

1-13 (cancelled)

14. (new) A method for transmitting payload information in a radio communication system having a radio network controller, a base station and subscriber stations, with the base station being connected to the subscriber stations via a radio communication interface, the method comprising:

connecting the radio network controller to an access facility of a core network and to the base station;

making the payload information available as a service to the subscribers, the payload information being made available from the access network, via the radio network controller and the base station;

sending a request notification to at least some of the subscriber stations, requesting that the subscriber stations reply before the payload information is transmitted to the subscribers stations; and

transmitting the payload information to subscriber stations from which a reply was received.

15. (new) The method as claimed in Claim 14, wherein
the request notification is not sent to all subscriber stations.

16. (new) The method as claimed in Claim 15, wherein
the request notification is sent to subscriber stations selected based on the subscriber stations assignment to radio cells.

17. (new) The method as claimed in Claim 14, wherein
the request notification is sent to a first group of subscriber stations,
an announcement notification is sent to a second group of subscriber stations, and
the announcement notification contains information indicating that no reply is necessary
before transmission of the payload information.

18. (new) The method as claimed in Claim 17, wherein
the radio network controller makes a decision regarding which subscriber stations are to
receive the request notification and which subscribers are to receive the announcement
notification.

19. (new) The method as claimed in Claim 17 wherein
a decision is made regarding which subscriber stations are to receive the request
notification and which subscribers are to receive the announcement notification, and
the decision is based on criterion specific to the radio network of the radio
communication system.

20. (new) The method as claimed in Claim 17 wherein
a decision is made regarding which subscriber stations are to receive the request
notification and which subscribers are to receive the announcement notification, and
the decision takes into consideration at least one factor selected from the group
consisting of configuration of the radio network of the radio communication system, existing
knowledge on a radio network side about subscribers, utilization of radio resources in the radio
network, utilization of radio resources in areas of the radio network, and specific properties of the
service.

21. (new) The method as claimed in Claim 14 wherein
replies from the subscriber stations are not transmitted concurrently.

22. (new) The method as claimed in Claim 21 wherein
replies from the subscriber stations are transmitted at random.

23. (new) The method as claimed in Claim 21 wherein
replies from the subscriber stations are transmitted in a controlled manner with regard to

time of sending the request notification.

24. (new) The method as claimed in claim 14, wherein the request notification is used to configure the subscriber stations for the payload information.

25. (new) The method as claimed in Claim 15 wherein transmission of the payload information for a group of subscriber stations takes place following receipt of the reply from one subscriber station of the group.

26. (new) A radio communication system for transmitting payload information as a service to a plurality of subscriber stations, comprising:

a radio network controller connected to an access facility of a core network;
a base station connected to the radio network controller;
subscriber stations connected to the base station via a radio communication interface;
a supply unit to make the payload information available as a service to a plurality of subscribers stations;

a request unit to send a request notification to at least some of the subscriber stations requesting that the subscriber stations reply before the payload information is transmitted to the subscriber stations; and

a transmit unit to transmit the payload information to subscriber stations from which a reply was received.

27. (new) The radio communication system as claimed in Claim 26, wherein the request notification is not sent to all subscriber stations.

28. (new) The radio communication system as claimed in Claim 26, wherein the request notification is sent to a first group of subscriber stations, an announcement notification is sent to a second group of subscriber stations, and the announcement notification contains information indicating that no reply is necessary before transmission of the payload information.

29. (new) A method for transmitting payload information in a radio communication system having a base station connected to subscriber stations via a radio communication interface, the method comprising:

making the payload information available as a service to the subscribers, the payload information being made available via the base station;

sending a request notification to at least some of the subscriber stations, requesting that the subscriber stations reply before the payload information is transmitted to the subscriber stations; and

transmitting the payload information to subscriber stations from which a reply was received.